

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A remote control system for controlling multiple home appliance
appliances, comprising:

at least one home appliance a plurality of home appliances installed at a place remote
from a user's life space;

a monitoring device connected to ~~the home appliance~~ the plurality of home appliances
wirelessly or via a cable to transmit/receive data to/from ~~the home appliance~~ at least one of the
plurality of home appliances; and

a remote controller connected to the monitoring device wirelessly to transmit/receive data
to control an operation of the home appliance at least one of the plurality of home appliances,

the monitoring device comprising:

a microcomputer adapted to process the data received from the remote controller
or any of the plurality of home appliances to ensure the data correctly reaches an intended
destination, and to control an operation of at least one of the plurality of home appliances
according to a command transmitted from the remote controller; and

a data storage unit to store data received from the remote controller or the at least
one of the plurality of home appliances.

2. (Currently Amended) The remote control system according to claim 1, wherein the plurality
of home appliance is appliances are a washing machine and/or a drier.

3. (Currently Amended) The remote control system according to claim 1, wherein the monitoring device further comprises:

a display unit for displaying an operation state of ~~the home appliance~~ at least one of the plurality of home appliances; and

an infrared communication module for communicating with the remote controller;

~~a data storage unit for storing data received from the remote controller or the home appliance~~; and

~~a microcomputer for controlling an operation of the home appliance according to a command transmitted from the remote controller.~~

4. (Currently Amended) The remote control system according to claim 3, wherein the microcomputer further comprises:

an input/output control unit ~~for allowing to allow~~ to allow the operation state of ~~the home appliance~~ at least one of the plurality of home appliances to be displayed on the display unit; and

a data processing unit for processing the data transmitted from the remote controller or ~~the home appliance~~ at least one of the plurality of home appliances.

5. (Original) The remote control system according to claim 1, wherein the monitoring device comprises an input unit for enabling a setting of an operation of a main body.

6. (Original) The remote control system according to claim 1, wherein the remote controller comprises:

an input unit having a plurality of buttons for inputting a control command;
an infrared communication module for transmitting/receiving data to/from the monitoring device; and
a control unit for transmitting the control command inputted from the input unit to the monitoring device.

7. (Currently Amended) The remote control system according to claim 1, wherein the remote controller comprises a display unit for displaying information on an operation state of ~~the home appliance~~ at least one of the plurality of home appliances, which is received from the monitoring device.

8. (Currently Amended) The remote control system according to claim 1, further comprising a power line modem provided at the monitoring device and/or ~~the home appliance~~ at least one of the plurality of home appliances to enable data transmission/reception.

9. (Currently Amended) The remote control system according to claim 1, wherein the monitoring device and ~~the home appliance~~ the plurality of home appliances are ~~connected~~ coupled to a power line network and transmits/receives data therethrough.

10. (Currently Amended) The remote control system according to claim 1, wherein ~~the home appliance~~ the plurality of home appliances comprise:

a first home appliance; and

a second home appliance, the first home appliance being connected to the monitoring device via a power line network, the second home appliance being connected to the second home appliance via a communication cable.

11. (Currently Amended) The remote control system according to claim 1, wherein the monitoring device comprises an infrared communication module, the monitoring device being wirelessly connected to a communication device which is connected to the home appliance at least one of the plurality of home appliances via a power line network.

12. (Currently Amended) The remote control system according to claim 11, wherein the communication device comprises:

an infrared communication module for transmitting/receiving data and control command to/from the monitoring device;

a power line communication module for transmitting/receiving data to/from ~~the home appliance~~ at least one of the plurality of home appliances; and

a data processing unit for processing the data transmitted/received to/from the monitoring device and/or ~~the home appliance~~ at least one of the plurality of home appliances.

13. (Currently Amended) A remote control system for home appliance, comprising:

a monitoring device for monitoring an operation state of a home appliance, the monitoring device installed remotely from the home appliance;

a remote controller for wirelessly transmitting/receiving data to/from the monitoring device; and

a communication device having a signal processing unit for exchanging data between the monitoring device and the home appliance, wherein the communication device exchanges data with the monitoring device through an infrared communication module and exchanges data with the home appliance through a power line network.

14. (Canceled) ~~The remote control system according to claim 13, wherein the monitoring device and the communication device exchange data with each other through an infrared communication module.~~

15. (Canceled) ~~The remote control system according to claim 13, wherein the communication device and the home appliance are connected together via a power line network.~~

16. (Original) The remote control system according to claim 15, wherein at least two home appliances are provided, the at least two home appliances being connected to the power line network and having power line modems for receiving control command from the communication device.

17. (Original) The remote control system according to claim 13, wherein two or more home appliances are provided, only one of the home appliances being connected to the communication device and a power line network, the remaining home appliances being connected together via a communication cable.

18. (Currently Amended) A remote control method for home appliance, comprising:

turning on a monitoring device and displaying a state of the home appliance thereon;
inputting an operation condition of the home appliance through a remote controller;
transmitting the inputted operation condition to the monitoring device;
transmitting the operation condition received by the monitoring device to a communication device connected to the home appliance via a cable; [[,]]
transmitting the operation condition received by the communication device to the home appliance so that the home appliance operates in accordance with the operation condition; and
displaying an operation state of the home appliance on the monitoring device and
transmitting the operation state of the home appliance to the remote controller.

19. (Original) The remote control method according to claim 18, wherein the operation of transmitting the operation condition to the home appliance comprises:

inputting command data transmitted from the monitoring device to a communication device connected to the home appliance via a cable; and
transmitting the command data received by the communication device to the home appliance.

20. (Original) The remote control method according to claim 19, wherein the command data transmitted from the monitoring device is inputted to the communication device through an infrared module.

21. (Original) The remote control method according to claim 18, wherein the command data is

transmitted from the monitoring device to the home appliance via a power line network or an infrared communication.